	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	0	ac$1trp$1arg$1tyr$1nh2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:23			0
2	BRS	L2	1172	neuropeptide adj y	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:23			0
3	BRS	L3	476	(neuropeptide adj y) same (antagonist or agonist)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:24			0
4	BRS	L4	268	neuropeptide adj y adj receptor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:24			0
5	BRS	L5	133	3 same 4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:24			0
6	BRS	L6	174	trp adj arg adj tyr	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:25			0
7	BRS	L7	0	5 same 6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:25			0
8	BRS	L8	50	cationized adj albumin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:26			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
9	BRS	L9	5924	polylysine	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:27			0
10	BRS	L10	0	5 same (8 or 9) same conjugate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:27			0
11	BRS	L11	107746	(pharmaceutical or therapeutic) adj composition	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:28			0
12	BRS	L12	1	5 same 11	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:30			0
13	BRS	L13	2	balasubramanium adj ambikaipakan.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:32			0
14	BRS	L14	2	chance adj william.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:32			0
15	BRS	L15	2	chance adj william.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:32			0

> d his

(FILE 'HOME' ENTERED AT 10:34:45 ON 23 DEC 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
10:35:09 ON 23 DEC 2002

L1 5 S AC-TRP-ARG-TYR-NH2
L2 1 DUPLICATE REMOVE L1 (4 DUPLICATES REMOVED)
L3 45216 S NEUROPEPTIDE Y
L4 6708 S L3 (P) (AGONIST OR ANTAGONIST)
L5 3623 S NEUROPEPTIDE (W) Y (W) RECEPTOR
L6 1053 S L4 (P) L5
L7 33 S TRP-ARG-TYR
L8 0 S L6 (P) L7
L9 148 S CATIONIZED ALBUMIN
L10 15914 S POLYLYSINE
L11 0 S L6 (P) (L9 OR L10) (P) CONJUGATE
L12 24045 S (PHARMACEUTICAL OR THERAPEUTIC) (W) COMPOSITION
L13 9 S L12 (P) L6
L14 9 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)

=> log y

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FILE 'HOME' ENTERED AT 10:34:45 ON 23 DEC 2002

=> file medline caplus biosis embase scisearch agricola
                                                    SINCE FILE      TOTAL
COST IN U.S. DOLLARS                                   ENTRY     SESSION
                                                        0.21        0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 10:35:09 ON 23 DEC 2002

FILE 'CAPLUS' ENTERED AT 10:35:09 ON 23 DEC 2002
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FILE 'BIOSIS' ENTERED AT 10:35:09 ON 23 DEC 2002
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FILE 'EMBASE' ENTERED AT 10:35:09 ON 23 DEC 2002
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FILE 'SCISEARCH' ENTERED AT 10:35:09 ON 23 DEC 2002
COPYRIGHT (C) 2002 Institute for Scientific Information (ISI) (R)

FILE 'AGRICOLA' ENTERED AT 10:35:09 ON 23 DEC 2002

=> s ac-trp-arg-tyr-nh2
L1             5 AC-TRP-ARG-TYR-NH2

=> duplicate remove l1
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L1
L2             1 DUPLICATE REMOVE L1 (4 DUPLICATES REMOVED)

=> d l2 1 ibib abs

L2   ANSWER 1 OF 1     MEDLINE                                  DUPLICATE 1
ACCESSION NUMBER:    1998398379      MEDLINE
DOCUMENT NUMBER:     98398379   PubMed ID: 9729264
TITLE:               WRYamide, a NPY-based tripeptide that antagonizes feeding
                     in rats.
AUTHOR:              Chance W T; Tao Z; Sheriff S; Balasubramaniam A
CORPORATE SOURCE:    Department of Surgery, University of Cincinnati Medical
                     Center, 231 Bethesda Avenue, Cincinnati, OH 45267, USA.
CONTRACT NUMBER:     GM 47122 (NIGMS)
SOURCE:              BRAIN RESEARCH, (1998 Aug 24) 803 (1-2) 39-43.
                     Journal code: 0045503. ISSN: 0006-8993.
PUB. COUNTRY:        Netherlands
DOCUMENT TYPE:       Journal; Article; (JOURNAL ARTICLE)
LANGUAGE:            English
FILE SEGMENT:        Priority Journals
ENTRY MONTH:         199905
ENTRY DATE:          Entered STN: 19990607
                     Last Updated on STN: 19990607
                     Entered Medline: 19990526
AB   Modifications of (D-Trp32) neuropeptide Y (NPY) led to the development of
     potential peptide-based lower molecular weight (500-800 Da) NPY feeding
     antagonists. One compound, WRYamide (N-  ***Ac***  -  ***Trp***  -
       ***Arg***  -  ***Tyr***  -  ***NH2***  ), blocked NPY-induced feeding for
     1 to 4 h when injected intrahypothalamically (i.h.t.) at 1 to 40
     microgram. Schedule-induced feeding was also antagonized for up to 24 h by
     20 microgram of WRYamide, i.h.t. Injection of 2.5 mg/kg (1 mg/rat) of
     WRYamide, i.v., also reduced significantly schedule-induced feeding for 4
     h. A conditioned taste aversion could not be classically conditioned to
     saccharin using WRYamide as the unconditioned stimulus. These results may
     lead to the development of systemically active anti-obesity drugs.
     Copyright 1998 Elsevier Science B.V.


=> s neuropeptide y
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L3       45216 NEUROPEPTIDE Y

=> s l3 (p) (agonist or antagonist)
L4        6708 L3 (P) (AGONIST OR ANTAGONIST)

=> s neuropeptide (w) y (w) receptor
L5        3623 NEUROPEPTIDE (W) Y (W) RECEPTOR

=> s l4 (p) l5
L6        1053 L4 (P) L5

=> s trp-arg-tyr
L7          33 TRP-ARG-TYR

=> s l6 (p) l7
L8           0 L6 (P) L7

=> s cationized albumin
L9         148 CATIONIZED ALBUMIN

=> s polylysine
L10      15914 POLYLYSINE

=> s l6 (p) (l9 or l10) (p) conjugate
L11          0 L6 (P) (L9 OR L10) (P) CONJUGATE

=> s (pharmaceutical or therapeutic) (w) composition
L12      24045 (PHARMACEUTICAL OR THERAPEUTIC) (W) COMPOSITION

=> s l12 (p) l6
L13          9 L12 (P) L6

=> duplicate remove l13
PROCESSING COMPLETED FOR L13
L14          9 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)

=> d l14 1-9 ibib abs

L14  ANSWER 1 OF 9  CAPLUS  COPYRIGHT 2002 ACS
ACCESSION NUMBER:        2002:675993  CAPLUS
DOCUMENT NUMBER:         137:216874
TITLE:                   Acylated piperidine derivatives, specifically
                         1-(pyrrolidinylcarbonyl)piperidines,
                         1-(piperidinylcarbonyl)piperidines, and analogs, as
                         melanocortin-4 receptor agonists, and their
                         pharmaceutical compositions and therapeutic uses
INVENTOR(S):             Ujjainwalla, Feroze; Chu, Lin; Goulet, Mark T.; Lee,
                         Bonnie; Warner, Daniel; Wyvratt, Matthew J.
PATENT ASSIGNEE(S):      Merck & Co., Inc., USA
SOURCE:                  PCT Int. Appl., 112 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  2
PATENT INFORMATION:

     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ---------------   ----  --------      ---------------  --------
     WO 2002068388      A2   20020906      WO 2002-US5724   20020225
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
             LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
             UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.:                  US 2001-272258P  P  20010228
                                        US 2001-300118P  P  20010622

OTHER SOURCE(S):         MARPAT 137:216874
GI
```

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Certain novel 4-substituted N-acylated piperidine derivs., specifically I, are agonists of the human melanocortin receptor(s) and, in particular, are selective agonists of the human melanocortin-4 receptor (MC-4R) [wherein: p = 1 or 2; q = 0, 1, or 2; n = 0, 1, or 2; R1 = H, amidino, alkyliminoyl, (un)substituted alkyl, (CH2)n-G1 [G1 = (un)substituted cycloalkyl, Ph, naphthyl, or heteroaryl]; R2 = (un)substituted Ph, naphthyl, or heteroaryl; X = alkyl, (CH2)n-G2 [G2 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl, heterocyclyl, cyano, CONH2, CO2H, OH, NH2, and various derivs.] where any of (CH2)n may also be substituted; including pharmaceutically acceptable salts]. They are therefore useful for the treatment, control, or prevention of diseases and disorders responsive to the activation of MC-4R, such as obesity, diabetes, sexual dysfunction, including erectile dysfunction and female sexual dysfunction. Approx. 180 invention compds. I and approx. 25 intermediates were prepd. For instance, (2-bromo-5-chlorophenyl)acetic acid underwent a sequence of Me esterification, coupling with tert-Bu 4-[[(trifluoromethyl)sulfonyl]oxy]-3,6-dihydropyridine-1(2H)-carboxylate via a boronate ester, removal of the BOC group, and amidation with (3S,4R)-1-(tert-butyl)-4-(2,4-difluorophenyl)pyrrolidine-3-carboxylic acid. The unsatd. amide-ester underwent hydrogenation, sapon. of the ester, and amidation with MeNH2.HCl, to give title compd. II. Representative compds. I bound to cloned human MC-4R in vitro with IC50 values generally below 2 .mu.M, and also acted as agonists toward cloned human MCR in a functional assay with EC50 values less than 1 .mu.M.

L14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:675992 CAPLUS
DOCUMENT NUMBER: 137:216873
TITLE: Acylated piperidine derivatives, specifically 1-(pyrrolidinylcarbonyl)piperidines, 1-(piperidinylcarbonyl)piperidines, and analogs, as melanocortin-4 receptor agonists, and their pharmaceutical compositions and therapeutic uses
INVENTOR(S): Goulet, Mark T.; Nargund, Ravi P.; Sebhat, Iyassu K.; Ujjainwalla, Feroze; Walsh, Thomas F.; Warner, Daniel; Young, Jonathan R.; Bakshi, Raman K.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Ye, Zhixiong
SOURCE: PCT Int. Appl., 138 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068387	A2	20020906	WO 2002-US5623	20020225

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-272258P P 20010228
US 2001-300572P P 20010622

OTHER SOURCE(S): MARPAT 137:216873
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Certain novel 4-substituted N-acylated piperidine derivs., specifically I, are agonists of the human melanocortin receptor(s) and, in particular, are selective agonists of the human melanocortin-4 receptor (MC-4R) [wherein: p = 1 or 2; q = 0, 1, or 2; n = 0, 1, or 2; R1 = H, amidino, alkyliminoyl, (un)substituted alkyl, (CH2)n-G1 [G1 = (un)substituted cycloalkyl, Ph, naphthyl, or heteroaryl]; R2 = (un)substituted Ph, naphthyl, or heteroaryl; X = alkyl, (CH2)n-G2 [G2 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl, heterocyclyl, cyano, CONH2, CO2H, OH, NH2, and various derivs.]; Y = (un)substituted alkyl, alkenyl, (CH2)n-G3 [G3 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl, or heterocyclyl]; including pharmaceutically acceptable salts]. They are therefore useful for the treatment, control, or prevention of diseases and disorders responsive to the activation of MC-4R, such as obesity, diabetes, sexual dysfunction, including erectile dysfunction and female sexual dysfunction. Approx. 200 invention compds. I and approx. 80 intermediates were prepd. For instance, amidation of (.+-.)-trans-1-(tert-butoxycarbonyl)-3-(4-fluorophenyl)piperidine-4-carboxylic acid with 4-cyclohexyl-4-[(4,4-dimethyl-2-oxo-1,3-oxazolidin-3-yl)methyl]piperidine HCl, followed by N-deprotection with removal of BOC using HCl, and reductive N-methylation using paraformaldehyde and NaBH3CN, gave title compd. (.+-.)-trans-II, isolated as the trifluoroacetate salt. Representative compds. I bound to cloned human MC-4R in vitro with IC50 values generally below 2 .mu.M, and also acted as agonists toward cloned human MCR in a functional assay with EC50 values less than 1 .mu.M.

L14 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:675785 CAPLUS
DOCUMENT NUMBER: 137:216872
TITLE: Acylated piperidine derivatives, specifically 1-[(aminocycloalkyl)carbonyl]piperidines, as melanocortin-4 receptor agonists, and their pharmaceutical compositions and therapeutic uses
INVENTOR(S): Goulet, Mark T.; Nargund, Ravi P.; Ujjainwalla, Feroze; Walsh, Thomas F.; Warner, Daniel
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002067869	A2	20020906	WO 2002-US8002	20020225

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-272259P P 20010228
OTHER SOURCE(S): MARPAT 137:216872
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Certain novel 4-substituted N-acylated piperidine derivs., specifically I, are agonists of the human melanocortin receptor(s) and, in particular, are selective agonists of the human melanocortin-4 receptor (MC-4R) [wherein: p = 1 or 2; q = 0, 1, or 2; n = 0, 1, or 2; R1, R2 = H, amidino, alkyliminoyl, (un)substituted alkyl, (CH2)n-G1 [G1 = (un)substituted cycloalkyl, Ph, naphthyl, or heteroaryl]; or NR1R2 = 4- to 8-membered mono- or bicyclic ring system optionally contg. an addn. O, S, or N-alkyl atom(s); R3 = (un)substituted Ph, naphthyl, or heteroaryl; X = alkyl, (CH2)n-G2 [G2 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl,

heterocyclyl, cyano, CONH2, CO2H, OH, NH2, and various derivs.]; Y = H, (un)substituted alkyl, alkenyl, cycloalkyl, (CH2)n-G3 [G3 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl, or heterocyclyl]; including pharmaceutically acceptable salts]. They are therefore useful for the treatment, control, or prevention of diseases and disorders responsive to the activation of MC-4R, such as obesity, diabetes, sexual dysfunction, including erectile dysfunction and female sexual dysfunction. Approx. 40 invention compds. I and approx. 20 intermediates were prepd. For instance, the intermediate ester (.+-.)-trans-Me 2-(4-chlorophenyl)-4-oxocyclohexanecarboxylate (prepn. given) was sapond. and the resulting acid was used to amidate 4-cyclohexyl-4-[(4,4-dimethyl-2-oxo-1,3-oxazolidin-3-yl)methyl]piperidine HCl. The obtained keto amide was aminated using dimethylamine, Ti(OPr-iso)4, and NaBH4, to give epimeric invention compds. .alpha.- and .beta.-II, isolated sep. as the trifluoroacetate salts. Representative compds. I bound to cloned human MC-4R in vitro with IC50 values generally below 2 .mu.M, and also acted as agonists toward cloned human MCR in a functional assay with EC50 values less than 1 .mu.M.

L14 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:575765 CAPLUS
DOCUMENT NUMBER: 137:140435
TITLE: Benzopyrancarboxylic acid derivatives with PPAR agonist activity for the treatment of diabetes and lipid disorders, and their preparation, pharmaceutical compositions, and use
INVENTOR(S): Sahoo, Soumya P.; Koyama, Hiroo; Miller, Daniel J.; Boueres, Julia K.; Desai, Ranjit C.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 42 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002103242	A1	20020801	US 2001-21667	20011029
WO 2002060434	A2	20020808	WO 2001-US49501	20011026

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-244698P P 20001031
OTHER SOURCE(S): MARPAT 137:140435
GI

/ Structure 1 in file .gra /

AB A class of benzopyrancarboxylic acid derivs. is disclosed, which comprises compds. that are potent agonists (no data) of peroxisome proliferator activated receptors (PPAR) alpha and/or gamma, and are therefore useful in the treatment, control, or prevention of non-insulin dependent diabetes mellitus (NIDDM), hyperglycemia, dyslipidemia, hyperlipidemia, hypercholesterolemia, hypertriglyceridemia, atherosclerosis, obesity, vascular restenosis, inflammation, and other PPAR alpha and/or gamma mediated diseases, disorders and conditions. In particular, compds. I and their pharmaceutically acceptable salts and/or prodrugs are disclosed [wherein: Z = CH2, CO; R1 = H, OH, halo, (un)substituted alk(en/yn)yl, alk(en/yn)yloxy, or aryl; or R1 forms (un)substituted cyclopropane fusion to adjacent C atom; X, Y = O, S, SO, SO2, CH2, (un)substituted NH; n = 1-6; R4 = (un)substituted benzoheterocyclyl, cycloalkyl, heterocyclyl, cycloalkyloxy, halo, OH or derivs., alk(en/yn)yl, alk(en/yn)yloxy, or aryl, etc.; other R groups = H, halo, OH, (un)substituted alk(en/yn)yl,

alk(en/yn)yloxy, aryl, aryloxy, acyl, etc.; or R3R4 or R4R5 = (un)substituted 5- or 6-membered heterocyclic ring]. A list of [redacted] compds. is claimed, and their prepn. is described. For example, Et 7-hydroxy-4-oxo-4H-chromene-2-carboxylate underwent a sequence of: (1) complete hydrogenation of the enone (98%), (2) etherification of the alc. with PhCH2O(CH2)3Br (66%), (3) alpha ethylation of the ester (70%), (4) hydrogenolytic debenzylation (100%), (5) conversion of the resultant alc. to a bromide (96%), (6) etherification of the bromide with 3-(trifluoromethyl)-7-propyl-6-hydroxybenz[4,5]isoxazole (85%), and (7) alk. hydrolysis (100%), to give title compd. II. PPAR binding assays using human recombinant PPAR are described without data. Co-administration of compds. I with a variety of other drug categories, including a no. of specific drugs, is claimed.

L14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:472729 CAPLUS
DOCUMENT NUMBER: 135:56101
TITLE: Aromatic phosphonates as protein tyrosine phosphatase 1B (PTP-1B) inhibitors
INVENTOR(S): Leblanc, Yves; Dufresne, Claude; Gauthier, Jacques Yves; Young, Robert
PATENT ASSIGNEE(S): Merck Frosst Canada & Co., Can.
SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046204	A1	20010628	WO 2000-CA1548	20001221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002052347	A1	20020502	US 2000-745220	20001221
US 6448429	B2	20020910		
EP 1242431	A1	20020925	EP 2000-986933	20001221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: US 1999-171427P P 19991222
WO 2000-CA1548 W 20001221
OTHER SOURCE(S): MARPAT 135:56101
AB The invention provides arom. phosphonates which are inhibitors of PTP-1B. The invention also encompasses pharmaceutical compns. and methods of treating or preventing PTP-1B-mediated diseases, including diabetes, obesity, and diabetes-related diseases. Prepn. of [2-bromo-4-(2-(3-bromo-4-(difluoro(phosphono)methyl)benzyl)-3-oxo-2,3-diphenylpropyl)phenyl](difluoro)methylphosphonic acid is described.
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:31483 CAPLUS
DOCUMENT NUMBER: 134:100873
TITLE: Preparation of selective NPY (Y5) antagonists and pharmaceutical compositions thereof for treating an abnormality modulated by human Y5 receptor activity.
INVENTOR(S): Marzabadi, Mohammad R.; Wong, Wai C.; Noble, Stewart A.; Buhlmayer, Peter; Rueger, Heinrich; Yamaguchi, Yasuchika; Schilling, Walter
PATENT ASSIGNEE(S): Synaptic Pharmaceutical Corporation, USA; Novartis A.-G.
SOURCE: PCT Int. Appl., 299 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001002379	A1	20010111	WO 2000-US11004	20000421
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6214853	B1	20010410	US 1999-343633	19990630
US 6222040	B1	20010424	US 1999-343993	19990630
US 6225330	B1	20010501	US 1999-343635	19990630
EP 1194421	A1	20020410	EP 2000-923603	20000421
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: US 1999-343633 A2 19990630
US 1999-343635 A2 19990630
US 1999-343993 A2 19990630
WO 2000-US11004 W 20000421
OTHER SOURCE(S): MARPAT 134:100873
GI

/ Structure 2 in file .gra /

AB This invention discloses the prepn. of NPY (Y5) antagonists of formula I (R1 = H, F, Cl, Br, CN, OH, alkyl, amine derivs., sulfur derivs., etc.; X = O, NR3, CHR3; R3 = H or alkyl; W = O, NH or S; R2 = amine derivs.; Y = (CH2)m; Z = (CH2)n; m = 0 or 1; n = 1 or 2) and II (R4 = H, alkyl, alkoxyalkyl, (un)substituted phenyl; R5 = (un)substituted cycloalkylalkylamine derivs.; R6 = H, F, Cl, Br, CN, OH, NO2, amine deriv., etc.; R7 = R6 with provision that when one R7 = Ph, heteroaryl or phenylalkyl the other R7 = H). Thus, benzocycloheptathiazolamine III was prepd. in two steps from 4-(dimethylaminosulfonylaminomethyl)cyclohexylamine (Ki = 2.1 nM for binding to cloned human NPY-5 receptors). The invention provides a pharmaceutical compn. comprising a therapeutically effective amt. of a compd. of the invention and a pharmaceutically acceptable carrier and a process for making this compn. Compds. of this invention, or their pharmaceutical compns. may be used for treating an abnormality, wherein the abnormality is alleviated by decreasing the activity of a human Y5 receptor, e.g., eating disorders, sleep disorders, reproductive disorders, etc.
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:238056 CAPLUS
DOCUMENT NUMBER: 132:274335
TITLE: Amide derivatives, preparation, ***pharmaceutical*** ***compositions*** , and methods for using them as selective ***neuropeptide*** ***Y*** ***receptor*** ***antagonists***
INVENTOR(S): Connell, Richard D.; Lease, Timothy G.; Ladouceur, Gaetan H.; Osterhout, Martin H.
PATENT ASSIGNEE(S): Bayer Corporation, USA
SOURCE: U.S., 25 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

US 6048900	A	20000411	US 1998-23498	19980213
US 6410792	B1	20020625	US 1999-294961	19990420

PRIORITY APPLN. INFO.: US 1997-135105P P 19970214
US 1998-23498 A3 19980213
OTHER SOURCE(S): MARPAT 132:274335
AB Amide derivs. and methods of administering the compns. to mammals to treat disorders such as obesity that are mediated by NPY and esp. those mediated by NPY via the Y5 receptor.
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:31342 CAPLUS
DOCUMENT NUMBER: 132:88195
TITLE: Neuropeptide Y agonist and antagonist peptides for control of appetite, blood pressure, cardiovascular response, libido, and circadian rhythm
INVENTOR(S): Balasubramanium, Ambikaipakan; Chance, William T.
PATENT ASSIGNEE(S): University of Cincinnati, USA
SOURCE: U.S., 17 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6013633	A	20000111	US 1997-907403	19970807
US 6235718	B1	20010522	US 1999-449914	19991202

PRIORITY APPLN. INFO.: US 1997-907403 A3 19970807
OTHER SOURCE(S): MARPAT 132:88195
AB Dipeptides and tripeptides, and methods for pharmaceutical treatment of mammals using analogs of such dipeptides and tripeptides, are provided. More specifically, the invention relates to tripeptides and their analogs, to ***pharmaceutical*** ***compns*** . contg. such dipeptides and tripeptides, and to methods of treatment of mammals using such dipeptides and tripeptides. In addn., the invention relates to methods of treatment of mammals using such dipeptides and tripeptides for control of appetite, blood pressure, cardiovascular response, libido, and circadian rhythm. The compds. of the invention are ***neuropeptide*** ***Y*** ***receptor*** ***agonists*** and ***antagonists*** .
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:417925 CAPLUS
DOCUMENT NUMBER: 125:67779
TITLE: ***Pharmaceutical*** ***compositions*** containing ***neuropeptide*** ***Y*** ***receptor*** ***antagonists***
INVENTOR(S): Bruns, Robert Frederick, Jr.; Gehlert, Donald Richard; Howbert, James Jeffry; Lunn, William Henry Walker
PATENT ASSIGNEE(S): Lilly, Eli, and Co., USA
SOURCE: PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9612490	A1	19960502	WO 1995-US13246	19951019

W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,

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      US 5504094        A    19960402      US 1995-517303   19950821
      US 5567714        A    19961022      US 1995-517049   19950821
      US 5567715        A    19961022      US 1995-517315   19950821
      US 5576337        A    19961119      US 1995-517316   19950821
      ZA 9508800        A    19970418      ZA 1995-8800     19951018
      IL 115663         A1   19990817      IL 1995-115663   19951018
      TW 410156         B    20001101      TW 1995-84110967 19951018
      AU 9538955        A1   19960515      AU 1995-38955    19951019
      AU 689664         B2   19980402
      EP 785785         A1   19970730      EP 1995-938248   19951019
          R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE
      CN 1160998        A    19971001      CN 1995-195703   19951019
      CN 1091598        B    20021002
      HU 76852          A2   19971229      HU 1997-1520     19951019
      JP 10507757       T2   19980728      JP 1995-514008   19951019
      CZ 287411         B6   20001115      CZ 1997-1159     19951019
      NO 9701520        A    19970403      NO 1997-1520     19970403
      FI 9701635        A    19970417      FI 1997-1635     19970417
PRIORITY APPLN. INFO.:                    US 1994-326675   A  19941020
                                          WO 1995-US13246  W  19951019

OTHER SOURCE(S):          MARPAT 125:67779
GI


/ Structure 3 in file .gra /


AB      ***Pharmaceutical***      ***compns***  . contain   ***neuropeptide***
        ***Y***      ***receptor***      ***antagonists***   [I; R1, R3 =
      independently H, -CH3, -CO(C1-6 alkyl), -COAr, (Ar = substituted Ph); R2 =
      pyrrolidine, hexamethyleneimino, and piperidino] or a pharmaceutically
      acceptable salt of solvate thereof.  The IC50 of (II; R1= CH3, R2=
      1-piperidine, R3 = H) in   ***neuropeptide***      ***Y***   binding assay
      was .apprx.12 .mu.M.  A pharmaceutical capsule contained raloxifene 1,
      starch 112, starch flowable powder 225.3, and silicone fluid 350 cSt 1.7
      mg.


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     (FILE 'HOME' ENTERED AT 10:34:45 ON 23 DEC 2002)

     FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
     10:35:09 ON 23 DEC 2002
L1             5 S AC-TRP-ARG-TYR-NH2
L2             1 DUPLICATE REMOVE L1 (4 DUPLICATES REMOVED)
L3         45216 S NEUROPEPTIDE Y
L4          6708 S L3 (P) (AGONIST OR ANTAGONIST)
L5          3623 S NEUROPEPTIDE (W) Y (W) RECEPTOR
L6          1053 S L4 (P) L5
L7            33 S TRP-ARG-TYR
L8             0 S L6 (P) L7
L9           148 S CATIONIZED ALBUMIN
L10        15914 S POLYLYSINE
L11            0 S L6 (P) (L9 OR L10) (P) CONJUGATE
L12        24045 S (PHARMACEUTICAL OR THERAPEUTIC) (W) COMPOSITION
L13            9 S L12 (P) L6
L14            9 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    65.66      65.87

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -5.58      -5.58

STN INTERNATIONAL LOGOFF AT 10:40:46 ON 23 DEC 2002
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